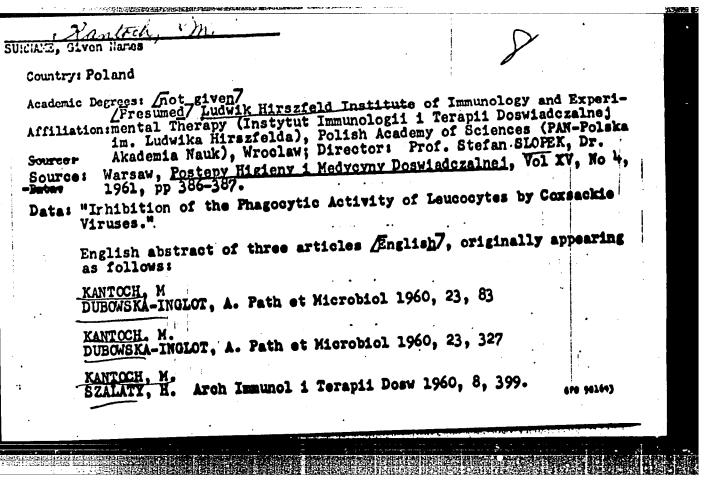
Cademic Degrees: Not given/ Presumed/ Ludwik Hirszfeld Institute of Immunology and Experi- ffiliation: mental Therapy (Instytut Immunologii i Terapii Doswiadczalnej ffiliation: mental Therapy (Instytut Immunologii i Terapii Doswiadczalnej im. Ludwika Hirszfelda), Polish Academy of Sciences (PAN-Polska im. Ludwika Hirszfelda), Polish Academy of Scien	Cademic Degrees: Not given/ Presumed/ Ludwik Hirszfeld Institute of Immunology and Experi- ffiliation: mental Therapy (Instytut Immunologii i Terapii Doswiadczalnej im. Ludwika Hirszfelda), Polish Academy of Sciences (PAN-Polska im. Ludwika Hirszfelda), Polish Academy of Sciences (PAN-P		KANTOCH Liven Names Poland						-	
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(SHIGELLA)

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(ESCHERICHIA COLI pharmacol) (BACTERIA pharmacol)

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KANTOCH, Miroslaw; KUCZKOWSKA, Barbara

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MICROBIOLOGY

POLAND

DOBROWOLSKA, Halina, Department of Virology of the National Institute of Hygiene in Warsaw (Zakiad Wirusologii PZH) Head (Kierownik) Docent Dr. M. KANTOCH

"Studies on Strains of Pollomyelitis Virus isolated in Poland During the 1959-1965 Period. Biological Properties of Attenuated Strains isolated from Vaccinated Humans"

Warsaw, Medycyna Doświadczalna Mikrobiologia, Vol 18, No 4, 1966; p. 375-383

Abstract [English summary modified]: Study of antigenic markers of oral live poliomyelitis vaccine type I CHAT (Koprowski), and type 2 P 712 Ch2, ab (Sabin); both of these attenuated live vaccine virus strains revealed quite marked stability in vaccinated children and passings with the population. 2 tables; 2 Polish, 19 Western references.

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DOBROWOLSKA, Hailna; and STANCZYK, Regina, Department of Vicology of the National Institute of Hygiene in Warsaw (Zakiad Wirusologii PZh) Head (Kierownik) Docent Dr. M. KANTOCH

"Studies on Strains of Pollomyelitis Virus Isolated in Poland During the 1959-1965 Period. Interdependence Between Genetic Markers of Strains and their Antigenic Structure and Neuropathological Properties"

Warsaw, Medycyna Doświadczalna Mikrobiologia, Vol 18, No 4, 1966; p. 385-395

Abstract [English summary modified]: Testing of 5 strains of type I pollomyelltis wild virus, isolated from patients, and of 2 strains of attenuated CHAT virus or d, T markers, antigenic properties and neuropathological properties in monkeys; and also of 5 type 2 strains and 2 control strains from oral attenuated virus P 712 Ch 2 ab Sabin indicated that presence of antigenic markers and neuropathological properties for monkeys was not a reliable correlation. 2 tables, 8 Western references.

POLAND

DOBROWOLSKA, Haiina, Department of Virology of the National Institute of Hygiene in Warsaw (Zaklad Wirusologii PZH) Hoad (Kierownik) Docent Dr. M. KANTOCH

"Studies on Strains of Pollomyelitis Virus isolated in Poland During the 1959-1965 Period. Characteristics of Strains isolated Following the Vaccination Activities"

Warsaw, Medycyna Doświadczalna Mikrobiologia, Vol 18, No 4, 1966; p. 397-404

Abstract [English summary modified]: Detailed analysis of wild pollomyelitis strains circulating in the Pollsh populations since the introduction of the oral vaccination in 1965 indicated that any variation of the attenuated live vaccine strain is extremely rare and limited in significance. 2 tables; 4 Western, 2 Polish, 2 Soviet references.

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KANTOCH, Miroslaw; KANTOCH, Zofia; SZALATY, Helena

Phagocytic activity of leukocytes in cases of virus hepatitis. Arch. immum. ter. dosw. 9 no.4:757-765 '61.

1. Department of Virology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw Municipal Hospital for Infectious Diseases, Wroclaw Department of Microbiology, School of Medicine, Wroclaw.

(HEPATITIS INFECTIOUS immunol) (PHAGOCYTOSIS)

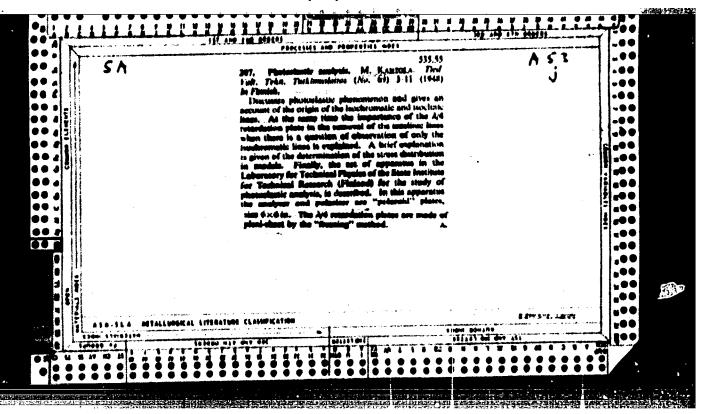
NIEDZWIEDZKA, Bur; BASISTA, Barbara; SZALATY, Helena; KANTOCH, Miroslaw

Reducing properties of leukocytes. Arch. immun. ter. dosw. 9 no.4: 767-778 61.

1. Department of Virology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw Department of Medical Microbiology, School of Medicine, Wroclaw.

(PRAGOCYTOSIS)

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000520410020-7



SHAKIN, V.A.; KANTOLINSKIY, S.I. [Kantolins'kyi, S.I.]

Stratigraphic position of the dark-colored formation in the Dusino-Polyana region of Transcarpathia, Geol.zhur. 23 no.3: 107-111 '63. (MIRA 16:9)

1. Ukrainskiy nauchno-issledovatel'skiy gornorudnyy institut.
(Transcarpathia—Geology, Stratigraphic)

L 45277-66 EWT(m)/EWP(j)/T RM

ACC NR: AP6023234 (A) SOURCE CODE: UR/0342/66/000/004/0015/0017

AUTHOR: Kantonistov. A. M., (Deputy Director for Scientific Research, Candidate of Technical Sciences); Chubarova, G. D., (Chief of the Weaving Department); Novolodskaya, I. G., (Chief of Assortment Laboratory); Belousova, Z. P., (Chief of Laboratory of Weaving Technology)

ORG: Leningrad Scientific Research Institute of the Textile Industry (Len MITP), (Leningradskiy nauchno-issledovatel' skiy institut tekstil' noy promyshlennosti)

TITLE: Bulked yarn fabrics

SOURCE: Tekstil' naya promyshlennost', no. 4, 1966, 15-17

TOPIC TAGS: synthetic fiber, orlon, acrilon, exlan, courtell, nitron, lavsan, polyacrylonitrile, bulked yarn

ABSTRACT: The Leningrad Scientific Research Institute for the Textile Industry has created new imitation-wool bulk fabrics made from nonstabilized yarns containing corded fibers of polyacrylonitrile and polyester synthetics (orlon, acrilon, exlan, courtell, nitron, lavsan) and yarns made of spun fibers ("B" nitron and

Card 1/3

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nitron, a pure polymer of irregular shrinkage. The fabric was bulked by irregular shrinkage of the fibers during heat treatment. The author describes the properties of the fabrics made from nonstabilized bulked yarn, processed from twisted orlon and gives a detailed description of the properties of the yarn used. The data given show that the yarn is of high and relatively uniform strength and, therefore, breaks infrequently during weaving. The use of twisted yarn made sizing unnecessary. Table 1 in the original article shows the weaving characteristics of the sample fabrics, finished at the V. Slutskaya and "Lensukno" mills. Table 2 shows the properties of some unfinished and finished samples. Fabrics made of nonstabilized yarn, produced from corded polyacrylonitrilic and polyester fibers were developed by the authors with the assistance of associates of the Zhelyabov Mill. Table 3 shows the properties of acrilon, exlans, courtell, nitron and lavsan of samples. The shrinkage of nitron samples during heat treatment was lower than for orlon fabrics. Fabrics made from nonstabilized yarn, produced from a blend of spun fibers of irregular shrinkage used nonstabilized No 54/2 (18.5 Text. x 2) fibers, containing "B" nitron and pure-polymer nitron. Samples of the three types of fabrics were produced at the Zhelyabov Weaving Mill, and the sample made from yarn containing 50% nitron (both types) was found to be the best. The tests carried

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KOTLER, P.I.; KANTOR, A.A.

Multiple injuries of the cerebrocranial nerves and the cervical part of the sympathetic nerve, caused by nasopharyngeal sarcoma, invading the cranial cavity. Vest. otorinolar. 13 no.2:66-68 Mar-Apr 51.

(CIML 20:8)

1. Of the Neurological Division of the Hospital for Invalids of the Fatherland War, Saransk.

KANTOR, A.A.

Masking effect of penicillin in otorhinonolaryngologic complications. Vest. otorinolar. 13 no.3:80-81 May-June 1951. (CLML 20:11)

1. Of the Surgical Division (Head--K.I. Kuskova), Republic Hospital Mordov ASSR (Head Physician--B.I. Kotlyar).

KANTOR, A. A.

Ear - Diseases

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9. Monthly List of Russian Accessions, Library of Congress, October, 1952 1953, Uncl.

KANTOR, A.A.

Methodology of decompression trepanation in otogenous abscesses of the brain. Vest.oto-rin. 17 no.3:77-78 My-Je 155.

1. Is Kliniki Bolesney ukha, gorla i nosa (sav.-dotsent D.A. Bytchenko) Chernovitakogo meditsinakogo instituta.
(MAR--SURGENY) (BRAIM--ABSCESS)

KANTOR, A.A., kandidat meditsinskikh nauk

Bilateral pneumothorax following trachectomy and its pathogenesis. Yrach.delo no.5:541 My '57. (MIRA 10:8)

1. Mefedra ukha, gorla i nose (sav. - dots. D.A.Butchenko)
Chernovitskogo meditsinskogo instituta i kafedra fiziologii (zav. - dots. D.A.Kocherga) Chernovitskogo universiteta
(PMEUMOTHORAX) (TRACHEA--SURGERY)

KANTOR, A.A., kand.med.nauk

Effect of tensillectory in chronic tensillitie on the course of thyrotexicosis. Vrach.delo no.11:1209 N'58 (MIRA 12:1)

1. Elinika helesney ukha, gorla, i nosa (sav. - dots. D.A.
Bytchenko) Chernovitskogo meditsinskogo instituta i Chernovitskiy
oblastnoy sobno-endokrinologicheskiy dispanser (oblastnoy endokrinolog
dots. B.B. Rodnyanskiy).

(TOBSIE)

(THYROID GLAND-DISEASES)

Tympanoplasty using a submerged skin flap. Vest.oto-rin. 20 (MRA 11:12)

1. Is kafedry bolesney ukha, gorla i nosa (sav. - dots. D.A. Pytchenke) Chernovitskogo meditsinskogo instituta.

(EAR—SURGERY)

KANTOR, A.A., kand.med.nauk

Diagnosis of simulated foreign bodies in the trachea and bronchi. Zhur. ush., nos. 1 gorl. bol. 20 no.5:26-30 8-0 169.

1. Is kafedry bolesney ukha, gorla i nosa (zav. - dotsent D.A. Bytchenko) Chernovitskogo meditminskogo instituta.

(RESPIRATORY ORGANS—FOREIGN BODIES)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000520410020-7"

KANTOR, A.A., dotsent

Survey of Russian and foreign literature on tympanoplasty.
Zhur. ush., nos. i gorl. bol. 21 no.1:81-90 Ja-F '61.

(MIRA 14:6)

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Some reconstructive changes in the surgical microscope put out by the "Krasnogvardeets" factory. Zhur.ush., nos.i gorl.bol. 22 no.2:81 Mr-Ap '62. (MIRA 15:11)

1. Kafedra bolesney ukha, gorla i nosa Ternopoliskogo meditsinskogo instituta.

(OTORHINOLARYNGOLOGY-EQUIPMENT AND SUPPLIES)

KANTOR, A.A., dotsent

Method of indirect mobilization of the stapes in otosclerosis. Zhur. ush., nos. i gorl. bol. 23 no.4:86-87 Jl-Ag*63.

(MIRA 16:10)

1. Is kafedry otolaringologii Ternopol'skogo meditsinskogo instituta (rektor - dotsent P.Ye. Ogiy).

(TYMPANAL ORGAN — SURGERY) (OTOSCLEROSIS)

LIPNITSKIY, N.V.; KANTOR, A.A., dotsent; SHAMRAYEVSKIY, S.M., dotsent

Treatment of chronic hypertrophic rhinitis by means of special coagulating biactive electrodes. Zhur. ush. nos. i gorl. bol. 23 no.6:79 80 N-D '63. (MIRA 17:5)

1. Iz kafedry bolezney ukha, gorla i nosa (zaveduyushchiy - dotsent A.A. Kantor) i kafedry fiziki (zaveduyushchiy - dotsent S.M. Shamrayevskiy) Ternopol'skogo meditsinskogo instituta.

KANTOR, A.A., dotsent (Ternopol')

Some problems of differential diagnosis of otosclerosis and treatment of vertigo during this disease by severing the chorda tympani. Zhur. ush., nos. i gor. bol. 24 no.2:42-46 Mr-Ap '64 (MIRA 18:1)

1. Iz kliniki bolezney ukha, gorla i nosa Tempol'skogo meditsin-skogo instituta (rektor - dotsent P. Ye. Ogiy).

KANTOR, A.A., dotsent

A CONTROL OF THE PROPERTY OF T

Microsurgical treatment of the labyrinthine fenestra in tympanoplasty from the viewpoint of the histopathology of para enestral formations. Zhur.ush., nos. i gorl. bol. 24 no.5:3-10 S-0 *64. (MIRA 18:3)

1. I kliniki bolezney ukha, gorla i nosa (zav. - dotsent A.A. Kantor) i kafedry patologicheskoy anatomii (zav. - prof. A.T. Khazanov) Ternopol®skogo meditsinskogo instituta.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000520410020-7"

ISKENDEROV, I.A., kand.tekhn.nauk; KANTOR, A.G., inzh.

Designing underwater pipe for the action of ocean waves. Stroi.
truboprovod. 6 no.819-11 Ag '61. (MIRA 14:8)

1. Institut Gipromorneft', Baku.
(Underwater pipelines)

ISKENDEROW, I.A., kand.tekim.nsuk; KANTOR, A.C., insh.

Designing underwater pipelines for the action of sea waves. Stroi.
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: 1. Institut Gipromorneft', Baku.
(Underwater pipelines)

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OVSYANNIKOVA, Svetlana Aleksandrovna: KANTOR A.L. redaktor; ROZEN, E.A., tekhnicheskiy redaktor

[Studying the history of the workers' movement in a district; a manual for workers in local museums] Izuchenie istorii rabochego dvisheniia kraia; posobie dlia rabotnikov kraevedcheskikh museev. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 65 p. (MLRA 9:12) (Labor and laboring classes—History)

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KANTOR, A.S.

Disdrinful attitude toward suggestions under by efficiency workers. Vest. svinsi 15 no.8:26-27 Ag'55. (MIRA 8:12)

l. Master svyazi, tekhnik Zhitomirskoy gorodskoy translyatsionnoy seti. (Telecommunication)

5(2) AUTHORS:

Klevke, V. A., Kantor, A. S.

06221 80**V**/64-59-6-13/28

TITLE:

On Some Properties of Ammoniates on the Basis of Ammonium

Nitrate and Urea

PERIODICAL:

Khimicheskaya promyshlennost', 1959, Mr 6, pp 507 - 509

(USSR)

ABSTRACT:

The mutual solubility of the components of the system $\mathrm{NH_4NO_5} - \mathrm{CO(NH_2)_2} - \mathrm{NH_5} - \mathrm{H_2O}$ was investigated by means of a special apparatus (Fig 1) at 30 and 0°. In the case of different $\mathrm{NH_3}$: (NH₃ + H₂O) ratios the investigations were carried out according to the methodology described in the paper by Professor I. R. Krichevskiy (GIAP). Basically, the apparatus consists of two thick-walled test tubes placed one on top of the other and joined by two ducts via a metal head. The ducts can be closed by two valves. One duct serves for the maintenance of the pressure balance between the two test tubes, the second is used to convey the filtered-off

solution from one tube into the other. Urea in the filteredoff equilibrium solution was determined by means of the

Card 1/3

On Some Properties of Ammoniates on the Basis of Ammonium SOV/64-59-6-13/28

urease method developed by Marshal as improved by R. S. Oks (Chernorechenskiy khimicheskiy zavod) (Chernorech Chemical Plant). The results obtained (Table 1) show that the highest common solubility of 96.9% is reached at 30 (for 70% ammonia water), in which case ammonium nitrate amounts to 53.4%. The mutual solubility of urea and ammonium nitrate in aqueous ammonia solutions was determined at 0 for NH_3 : $(NH_3 + H_2O)$ ratios of 0.2, 0.4, and 0.5 (Fig 2, Table 2), and it was found that in the case of the two latter values complex compounds of the compositions $CO(MH_2)_2^{+0.11MH_3}$ (0.4) and CO(NH₂)₂°0.25NH₃ (0.5), respectively, are formed. The solubility of the salts in the saturated solutions increases at 30° with mounting NH3 : (NH3 + H20) ratios, which does not hold for 0°, since in this case the complex compounds form. On the basis of the data obtained the compositions of the four ammoniates best suited for agricultural purposes are listed (Table 3). Their vapor pressures were determined on a special apparatus (Fig 3). There are 3 figures, 3 tables,

Card 2/3

On Some Properties of Ammoniates on the Basis of Ammonium Nitrate and Urea

06221 \$0**V/64-59-6-13/2**8

and 9 references, 1 of which is Soviet.

Card 3/3

KLEVKE, V.A.; KANTOR, A.S.; LYUDKOVSKAYA, B.G. Prinimala unhastiye SEREGINA, R.P.

Study of nitrophoska pulp compositions by sulfate and sulfuris acid methods. Zhur. prikl. khim. 37 no.11:2332-2341 N 164 (MTRA 18:1)

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BOOK EXPLOITATION

s/0790

Kantor, Aleksandr Vasil'yevich

Apparatus and methods of measurement in rocket tests (Apparatura i metody* izmereniy pri ispy*taniyakh raket) Moscow, Oborongis, 1963. 519 p. illus., biblio. Errata slip inserted. 6000 copies printed. Reviewers: Znamenskaya, A. M. (Doctor of Technical Sciences); Grosman, B. F. (Engineer); Editor: Brontman, D. K. (Candidate of Technical Sciences); Deputy editor: Shteynberg, G. I. (Engineer); Publishing house editor: Burakova, O. N.; Technical editors

TOPIC TAGS: rocket test, test apparatus, test method, rocket stand test, rocket flight test, radiotelemetry, on board measurement, tracking, unit time service, radio sounding

PURPOSE AND COVERAGE: This book is intended for a wide circle of scientific personnel and engineers concerned with rocket technology. Methods and systems of measurement applicable for stand and flight tests are cutlined. Radiotelemetric and on-board measurements are analyzed in detail, as are tracking measurements.

Card 1/4

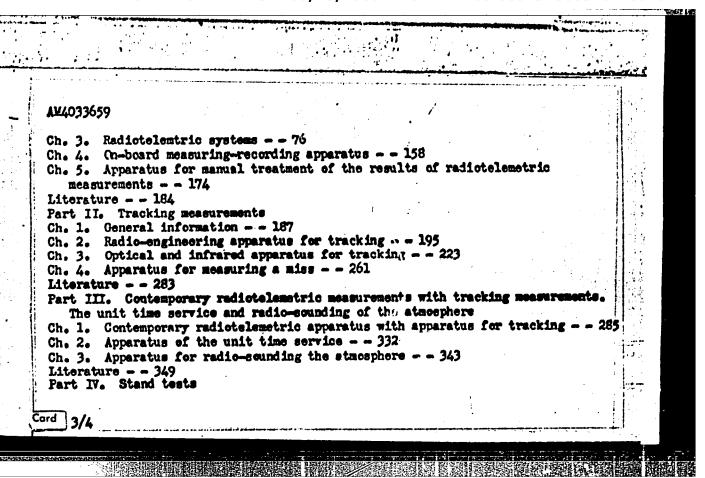
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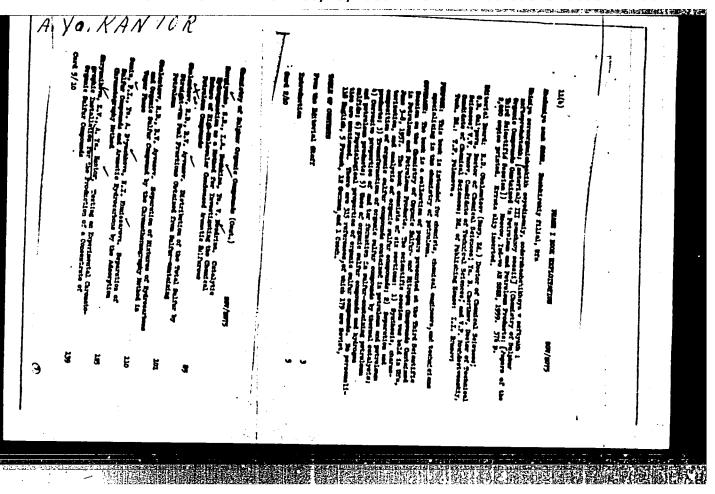
ments, contemporary redictelemetry and tracking methods, systems of unit time, and different types of stand measurement. The treatment of measurement results is clarified. Along with systems of the analog type, discrete systems of measurement and automation of work on the measurement results from stand and flight tests are analyzed in detail. Different types of apparatus used in testing rockets are described. Part IV and Section 3 of Chapter 2 were written by Grosman and Doctor of Technical Sciences A. M. Znamenskaya for their invaluable Sciences D. K. Brontman.

TABLE OF CONTENTS:

Foreword - 3
Introduction - 5
Part I. Radiotelemetric and en-board measurements
Ch. 1. General information. Methods of measurement - 13
Ch. 2. Gages and associated installations - 23



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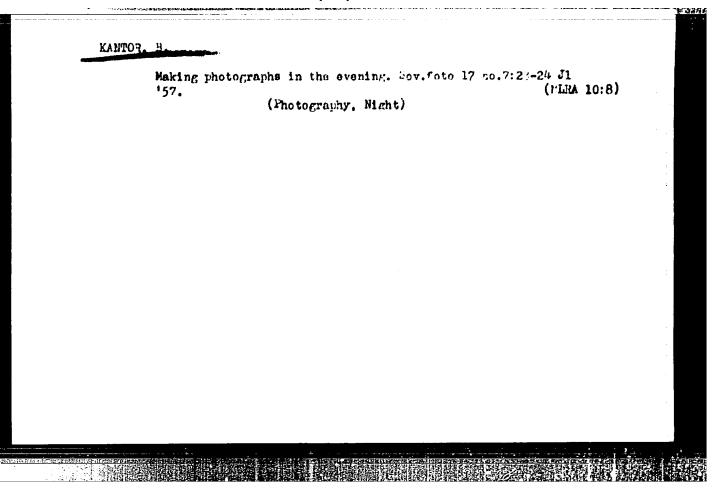


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KANTOR, A.Ya.

Chromatographic methods employed at the Ufa synthetic alcohol plant. Zav.lab. 28 no.2:250 '62. (MIRA 15:3)

l. Nachal'nik opytno-issledovatel'skogo tsekha Ufimskogo zavoda sinteticheskogo spirta.
(Ufa-Alcohol) (Chromatographic analysis)



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USER/Fact Conservation Engines, Marine	Jun 1947	
"Becoming of Faul in the Condensate Pip Installations by Means of Packing Wash B. Eantor, 5 pp	e in Power	
"Morskoy Flot" Vol VII, No 6 36-3	7	
Device to cut down the 20% loss result faulty operation of condensation equip	ing from ment.	
	12751	
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THE PROPERTY OF THE PARTY OF TH LUGOVIYER, L.; KANTOR, B. Viewfinder for photomicrography. Sov. foto 20 no. 12:29-30 (Photomicrography--Equipment and supplies)

KANTOR, Bela, dr.

Remark on the problem of centralized shipping and transportation. Kozleked kozl 17 no.49:832-834 D 1 61.

KANTOR, B.A., goolog

Artificial filling in of the head race during the building period. Gidr. stroi. 32 no.12:39 D *61. (MIRA 15:2) (Dams)

PETROVA, L.A.; YAROSH, Ye.P.; KANTOR, B.B.

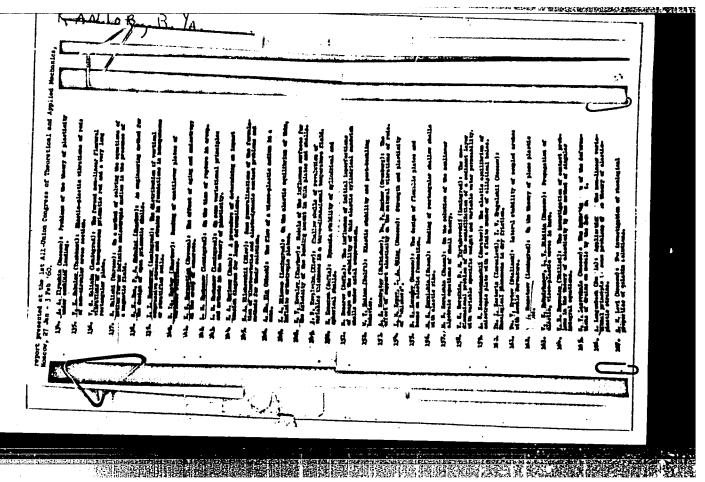
Salt separation of the products of the acetonation of sorbose.

Trudy VNIVI 6:41-47 159. (MIRA 13:7)

1. Sinteticheskaya laboratoriya Veesoyusnogo nauchno-iseledovatel'skogo vitaminnogo instituta i Leningradskiy vitaminnyy savod No.1. (SORBOSE)

Saving of power resources by the industrial enterprises of Perm Province. Prom. energ. 15 no.8:12-13 Ag '60. (MIRA 15:1)

1. Mirektor Permskogo energosbyta. (Perm Province—Electric power)



54

S/044/61/000/007/042/055 C111/C222

AUTHOR:

Kantor, B.Ya.

TITLE:

The bending of a plate of variable thickness which has the form of a circular rectangle and is clamped along the smaller boundary of the arc

PERIODICAL: Referativnyy shurnal Matematika, no. 7, 1961, 34-35, abstract 7 V 229. ("Prikl. mekhanika", 1960, 6, no. 4, 420-428)

TEXTs The author describes an approximate method for the calculation of the bending of cantilever plates of a variable bending resistance. In this method the integro differential equation of the equilibrium is replaced approximately by a system of integral equations which then is approximated by a system of algebraic equations. The calculation of concrete plates was carried out with the device "Strela". The results of the calculations of two plates are compared with experimental results.

[Abstracter's note & Complete translation.]

Card 1/1

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S/122/60/000/011/002/020 A161/A127

26.2120

Kantor, B. Ya., Engineer

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Calculation of critical velocities of multiple-rest rotors with a variable cross-section by means of the "Strela" computer

PERIODICAL:

Vestnik mashinostroyeniya, no. 11, 1960, 7-10

TEXT: The calculation of natural critical velocities of multiple-rest rotors with a variable mass and rigidity is of great importance in the design of turbines, power generators, etc. In the general practice of design offices various approximated calculation methods are used, since precise calculation is a very laborious process. Therefore, the application of high-speed digital computers has been suggested. In a book, written by B. M. Kagan and T. M. Ter-Mikaelyan (Ref. 4: Resheniye inzhenernykh zadach na avtomaticheskikh vychislitel nykh mashinakh/Solution of Engineering Problems by Automatic Computers/Gosenergo-izdat, 1958) the calculation of the critical velocities of a twin-rest rotor with elastic supports by means of the BESM computer has been described. The present study contains methods and logical programming schemes for the determination of critical velocities of multiple-rest rotors with rigid supports developed by means Card 1/6

Calculation of crit	1001 20104444		/8/122/60/0	000/011/002/020	75
of the "Strela" com	puter of the computing tional integration of the computing $(x) \frac{d^3y}{dx^4} - m(x) \omega^3 y = 0$,	ng center of aloulus by pa	A101/A127		46
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	$\times \left(\frac{1}{3}\right)$	$M_{k-1} + \frac{1}{6} \Lambda$	יייייי (יי					$\{z_i\}_{i=1}^n$	201
r _A	$e. \beta_{A} = \frac{\Delta x_{A}}{EJ_{A}} =$	$M_{k-1} + \frac{1}{6} \Lambda$ - гибкость k	-го участк	10 tilly 8 tilly					207- X
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Calculation of critical velo		8/122/60/000/01 .A161/A127		T X	-
In connection with the use of the problem according to specifications of the comput 2,000 arithmetic and logic of binary system with a floating the memory capacity comprises described, while details of gram contained 130 orders for critical vibration frequencing spans) and parts in these number of shafting spans; number of shafting spans; number of shafting spans; number the parts Δx ; the mass of the table and the flexibility of time while programming of ed several orders of the programming of ed several orders of the programming of the several orders or the several orders of the several orders or the several orders or the several orders or the several orders or the several orders	er are given: operational perations per second; number of comma; the system of order of the programming technique of the calculation of any ness of rotors with an arbite spans. The following number of parts (sections) is determined; a table with the points m and the flexification of the same would have been arranged the same arranged the same would have been arranged the same would have been arranged the same arranged the same would have been arranged the same arrange	camming scheme, some capacity averaging cers are represented in a three-addrogramming procedulated becessary number of respected input data in each span; number to the labilities of the pad manually in a shapper to consideration.	te basic y up to d in a lress type; res are natural ts (shaft- were used; r of nat- ength of rts ort period ving chang- the gyro-	50.	
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e Corresponding	the Laboratory of Hydraulic Member of the AS UkrSSR A. P	• Filipov, in	cnarge of th	e project	· / 20	

THE RESIDENCE OF THE PROPERTY OF THE PROPERTY

KANTOR, B.Ya.

Programming problems on plate bending for the Strela computer.

Sbor.trud.Lab.gidr.mash. no.9:64-68 '61. (MIRA 15:3)

(Electronic analog computers) (Elastic plates and shells)

37745 5/179/62/000/001/015/027 E114/E181

24.4200

Kantor, B. Ya., and Filippov, A.P.

TITLE:

AUTHORS:

Analysis of bending of a circular segment shaped plate of variable thickness clamped along a portion of its arcuate edge, utilising a fast computer

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye tekhnicheskikh nauk. Mekhanika i mashinostroyeniye,

no.1, 1962, 121-124

TEXT: Making the usual assumptions for a thin plate, a plate of variable thickness is assumed to be subjected to a distributed load, to be clamped along a portion of its arcuate edge, and to be free over the remainder of the arcuate edge. The potential energy of the bent plate is expressed in polar coordinates, and a set of equations is derived in terms of the local thickness and pressure. Three sets of functions have to be solved, and the methods employed were specifically adapted for use with the computer "Strela". The sub-programme of differentiation was framed in terms of powers of polynomials, Card 1/3

5/179/62/000/001/015/027 Analysis of bending of a circular ... E114/E181

which led to exact solutions. Since it is convenient to express the thickness of the plate and its loading in the form of a Table, the programme included approximate integration over the area of the plate utilising R. Cotes' formula. To obtain an adequate accuracy of integration, a sufficiently fine grid was drawn by dividing each of the three sections of the plate radially into ten equal parts. By proving that certain terms are equal to zero the computer time was significantly reduced. The computer was next used to calculate deflections and stresses in the plate by feeding into it a matrix of the thickness of the plate and of its loading, as well as the information about the coordinate functions. The programme was in three parts. The first part calculated the top right portion of the matrix and the right part of the system, and recorded the information on a magnetic tape. Next, the computer solved systems of equations for each nodal point of the grid. In the third part of the programme, the computer calculated the deflections and stresses. With sixty nodal points and a computer speed of 2000 operations per second, the first part of the programme required one hour and fifty Card 2/3

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Analysis of bending of a circular ... $\frac{5/179/62/000/001/015/027}{E114/E181}$

minutes, the second six minutes, and the third four minutes. It follows from a quoted example that sixty nodal points give adequate accuracy, and that little or nothing is gained from a finet grid.

There are 6 figures.

SUBMITTED: August 2, 1961

Card 3/3

ALIKHASHKIN, Ya.I., kand.fiz.-matem.nauk; KANTOR, B.Ya.; MARCHENKO, G.A.; ORLOVA, I.A., red.; KORKINA, A.I., tekhn.red.

[Standard programs for the "Strela-3" computer] Standartnye programmy dlia mashiny "Strela-3." Moskwa, 1963. 15 p. (Akademiis nauk SSSR. Vychislitel'nyi tsentr. Standartnye i tipovye programy dlia mashiny "Strela-3," no.5). (MIRA 16:10)

THE COLUMN TWO PROPERTY IS NOT THE CASE OF THE PROPERTY OF THE

KANTOR, B. Ya., insh.

Calculation of the blades of high-pressure adjustable-blade hydraulic turbines using the "Strela" computer. Energomashinostroenie 9 no.2:13-16 F '63. (MIRA 16:3)

KANTOR, B.Ya.; MARCHENKO, G.A.

Dynamic and static calculation of plates using high-speed digital computers. Trudy Lab.gidr.mash.AN USSR no.11:20-29 64.

(MIRA 17:10)

KANTOR, B.Ya. (Khar'kov)

Engineering nonlinear theory of thin shells with variable thickness. Prikl. mekh. 1 no.12:22-28 165.

(MIRA 19:1)

1. Khar'kovskiy filial Instituta mekhaniki AN UkrSSR. Submitted April 9, 1965.

KANTOR, B.Ya., kend.tekhn.nauk

Characteristics of the inside surface of the blade of an existflow hydraulic turbine. Energomashinostroenia 11 no.3:41-43
Mr 165.

(MIRA 18:6)

CHANTOR, B. Ye.

One extremum problem. Isv. vys. ucheb. sav.; mat. no.2:110-112 160. (MIRA 13:7)

1. Leningradskiy pedagogicheskiy institut im. A.I. Gertsena. (Functions of complex variables)

KANTOR, B. YE., CAND PHYS-MATH SCI, "CERTAIN EXTREME PROBLEMS OF GEOMETRY AND SEME BOUNDARY VALUE PROBLEMS OF ORDINARY DIFFERENTIAL EQUATIONS." MO, 1961. (MOSCOW STATE UNIV INENI M. V. LOMONOSOV). (KL-DV, 11-61, 208).

-13-

One extremu	· · machlam Can	convex curves.	Uch.zap.Ped.ins	t.Gerts. (MTRA 14:10)	
218:77-87	61.				
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5/044/62/000/010/004/042 B112/B102

AUTHOR: Kantor, B. Ye.

TITLE: First boundary value (two-point) problem for the equation y'' = f(x,y,y')

PERIODICAL: Referativnyy zhurnal. Matematika, no. 10, 1962, 38, abstract 10B160 (Uch. zap. Karel'sk. ped. in-t, v. 11, no. 1; 1961, 7 - 24)

TEXT: The two-point boundary value problem

 $y'' = f(x_1y_1y_1); y(a) = y_1, y(b) = y_2$ (1)

is considered in a class of generalized solutions which represent continuous curves whereon the first derivative is a continuous function with bounded variation. If the function f(x,y,y') is continuous with respect to y and y' for almost all $x \in [a,b]$ that can be measured with respect x for all y and y', and if $\varphi_1(x)R(y') \leqslant f(x,y,y') \leqslant \varphi_2(x)R(y')$, where $\varphi_1(x)$ and $\varphi_2(x)$ satisfy the inequalities Card 1/2

First boundary value ...

S/044/62/000/010/004/042 B112/B102

$$\tau_{1} = \inf_{(\mathbf{e}, \beta) \subset (a, b)} \int_{a}^{\beta} \varphi_{1}(x) dx >$$

$$> -\tau_{0} > -\min \left\{ \int_{-\infty}^{\rho} \frac{d\rho}{R(\rho)}, \int_{\rho_{0}}^{\infty} \frac{d\rho}{R(\rho)} \right\},$$

$$\tau_{3} = \sup_{(\mathbf{e}, \beta) \subset (a, b)} \int_{a}^{\beta} \varphi_{3}(x) dx < \tau_{0} <$$

$$< \min \left\{ \int_{-\infty}^{\rho_{0}} \frac{d\rho}{R(\rho)}, \int_{\rho_{0}}^{\infty} \frac{d\rho}{R(\rho)} \right\},$$

where $\tau_0 = \max \left\{ |\tau_1|, |\tau_2| \right\}$, p_0 is the coefficient of inflection of a straight line passing through the points $A(a,y_1)$ and $B(b,y_2)$, then the problem (1) will be solvable in the generalized sense. At the end of the paper, the differential properties of the generalized solutions are investigated. [Abstracter's note: Complete translation]

Card 2/2

THE REPORT OF THE PROPERTY OF

. KANTOR, B.Ye.

Boundary value problem for a system of nonlinear ordinary differential equations of n-th order. Uch. zap. Kar. ped. inst. 14:8-10 '63. (MIRA 17:3)

GANZBURG, M.; KANTOR, D.; KOTEL'NIKOV, A.; KUPTSOV, A.

"IAuza-5" magnetic tape recorder. Radio no.12:27-30 D '60.

(Mira 14:1)

(Magnetic recorders and recording)

GANZEURG, M., insh.; KANTOR, D., insh.; KOTEL'NIKOV, A., insh.

The "IAuss-10" stereophonic magnetic tape recorder. Radio no.2:41-45 F '63. (MIRA 16:2)

(Magnetic recorders and recording)

(Stereophonic sound systems)

THE REPORT OF THE PROPERTY OF

KANTOR, D., dotsent

Work of the White Russian Scientific Ophthalmological Society in 1962. Zdrav. Bel. 9 no.2:82-83 F'63. (MIRA 16:7) (WHITE RUSSIA--OPHTHALMOLOGY)

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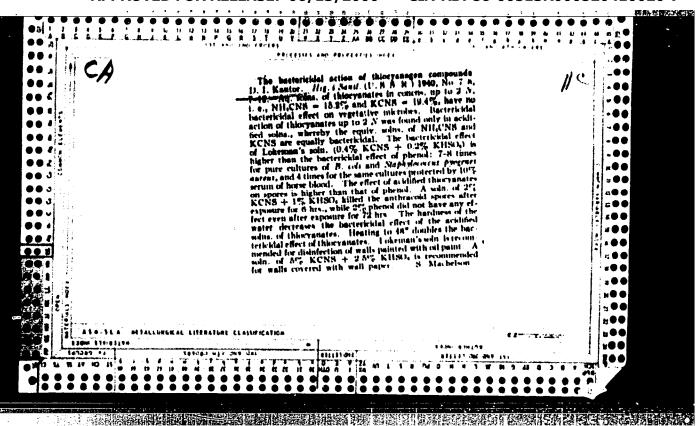
MOGILEVCHIK, Z.K.; GABRILOVIXH, M.A.; ARINCHIN, N.I.; DMITRIYEV, A.;

KANTOR, D.; KLEBANOV, G.: PILETSKIY, M.

Congresses, conferences, meetings. Zdrav. Bel. 8 no.6:68 Je!62.

(NO SUBJECT HEADINGS)

(MIRA 16:8)



KANTOR, D. I.

Kantor, D. I. "Books in current use as possible sources of children's diseases," in symposium; Skarlatina i streptokokkovyye infektsii, Leningrad, 1948, p. 187-214 - Ribliog: p. 212-14

SO: U-2888, Letopis Zhurnal'nykh Statey, NO. 1, 1949

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000520410020-7"

KANTOR, D. I.

PA 153174

Banitation

Sep 49

"Disinfecting the Air in Children's Institutions. Filtering the Air of Microbes Through an Oiled Screen," D. I Kantor, K. P. Lebedev, 2 1/2 pp

"Gig i Ban" No 9

Found that air stream from 125-watt electric fan filtered through ciled granite screen 165 x 255 cm in size reduced microflora of 48.2 cu m room by 62-695. Method is thus more effect. "ian ciled skirting formerly used and has fewer crawbacks. Suggests method be further tested and used in schools and children's hospitals.

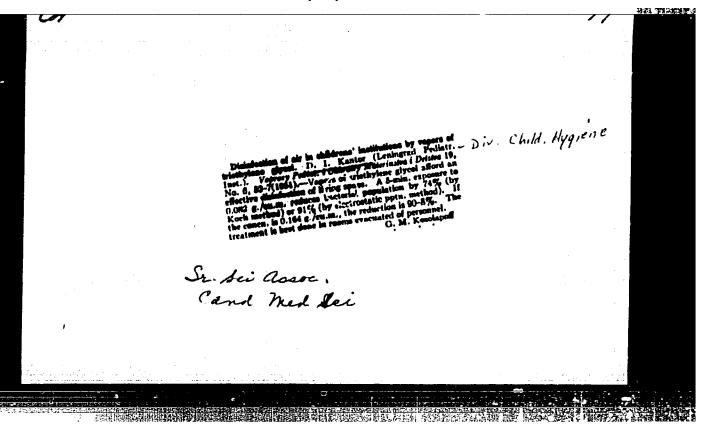
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APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000520410020-7"

- 1. Kantor, D. I.
- 2. USSR (600)
- 7. "Concerning the Dymanics of the Decrease in the Number of Microbes in the Air of Closed Rooms under the Influence of natural Factors", Gigiyena i Sanitariya, No 8,

1951, pp 11-15

9. Mikrobiologiya, Vol XXI, Issue 1, Moscow, Jan-Feb 1952, pp 121-132. Unclassified.



KANTOR, D.I.

Efficacy of ultrasonic waves as decontaminating agents. Gig.i san. no.4:10-13 Ap 154. (MERA 7:4)

1. Is otdela gigiyeny Leningradskogo nauchno-issledovatel skogo pediatricheskogo instituta Ministerstva sdravookhraneniya RSFSR. (Disinfection and disinfectants) (Ultrasonic waves)

RANTOR, D.I., kand.med.nauk Disinfection of the air in children's hospitals. Gig.i san. 25 no.8: 102-103 Ag '60. (MIRA 13:11) 1. Iz Leningradskogo nauchno-issledovatel'skogo pediatricheskogo instituta. (CHILDREN-HOSPITALS) (AIR-PURIFICATION)

GOGINAVA, D.N., inshener; DIMCHT'YEV, B.B., inshener; KANTOR, D.N., inshener;
SBITHEY, G.F., inshener; EDEL'MAN, I.N., inshener.

Automatic checking device for three-phase electric meters. Vest.
elektroprom, 28 mo, 5:55-57 My '57. (NIEA 10:6)

1. Moskovskiy elektromekhanicheskiy savod.
(Electric meters)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000520410020-7"

KANTOR, D.V

KANTOR, D. V.

Surgical methods in semile and presentle cataract. Vest. oft. 29:6, Nov.-Dec. 50. p. 31-3

1. Of the Kye Clinis (Head of Department -- Prof. T. V. Birich), Hinsk Medical Institute.

CLEL 20, 3, March 1951

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000520410020-7"

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BIRICH, T.V., professor; MANTOR, D.V., dotsent; TRUNSVICH, T.M.,
assistent; SCHOLOVA, V., STRUNATOR

Characteristics of present-day eye injuries in agriculture; their
prevention and therapy. Vest. oft. 33 no.5:10-13 N-D '54. (MIRA 8;1)

1. Is glasmoy kliniki Minakogo meditsinskogo instituta.

(ETE, vounde and injuries,
prev. & ther. in agricultural workers)

(WOUNDE AND REJURIES,
eye, prev. & ther. in agricultural workers)

(OCCUPATIONAL DIREGES,
eye inj. in agricultural workers, prev. & ther.)

(AGRICULTURA,
eye inj. in agricultural workers, prev. & ther.)
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BIRICH, T.B., prof.; KANTOR, D.V., dotsent; IVANENKO, L.M., ordinator; ZHMIYEVSKAYA, N.Ye., ordinator

Eye injuries in Minsk industrial establishments and measures for preventing them. Zdrav. Belor. 4 no.2:47-48 F '58. (MIRA 13:8)

(MINSK-INDUSTRIAL HYGIENE)

(EYE-WOUNDS AND INJURIES)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000520410020-7"

THE RESERVE OF THE PROPERTY OF

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Method for extracting a cysticerous from the vitreous body;
author's abstract. Vest. oft. 72 no.6:45-46 E-D '59.

1. Clasmays klinius (sav. - prof. T.V. Birich) Minskogo meditainskogo instituta.

(CTSTICERCCOSIS surg.)

(VITREOUS BODI-- dis.)
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KANTOR, D.V., dotsent; GRUNFEST, Ya.Z.; VENDROVA, G.M.

Most frequent levels of normal physiological intraocular pressure. Vest.oft, no.5:18-20 (MIRA 15:12)

1. Glaznoy kabinet 6-y polikliniki 3-y Minskoy obwedinennoy klinicheskoy bol'nitsy.

(INTRAOCULAR PRESSURE)